Program Executive Office — Air, Space and Missile Defense

USA Acquisition Symposium

Presented By:

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Program Executive Officer for Air, Space and Missile Defense (PEO ASMD)

13 September 2004

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ASMD OIF EXPERIENCES

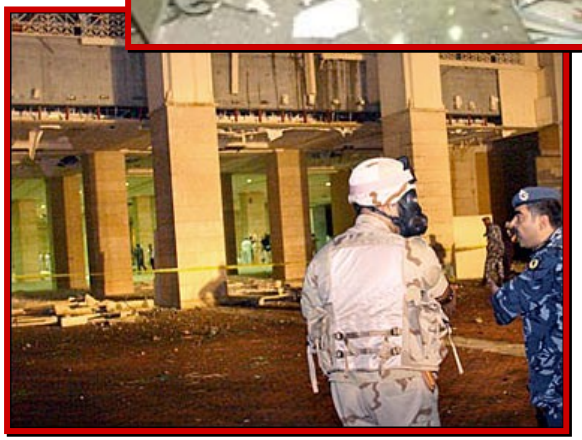
Theater Ballistic Missile Defense

- 22 TBM Launches Were *REPORTED*
- 9 of 22 Met Engagement Criteria
- 9 of 9 Were Successfully Intercepted

27 March 2003

Cruise Missile Defense

- 5 CM Launches Were *REPORTED*
- 0 Engaged



29 March 2003

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LESSONS LEARNED

Need:

- **Improved Combat Identification**
- **360° Elevated Netted Sensors**
- **Improved Joint and Coalition Interdepen**
- **Improved Joint Communications**

Joint System-of-Systems is the Solution!

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AIR AND MISSILE DEFENSE CAPABILITIES ACQUISITION STRATEGY

Current → Future

Common Composite Tracking Algorithms

Joint Combat Identification

Joint Composite Tracking

FY12+

FY10

FY08

int Connectivity Via Link 16

TADIL J Interoperability

Today

SP1

UE_x

UE_Y

UA

JIFC

MSE

ICC

FAADC2

IFC

- Stove-Piped
- Point - Defense

- Initial IFC SoS
- Mobile
- Initial 360°

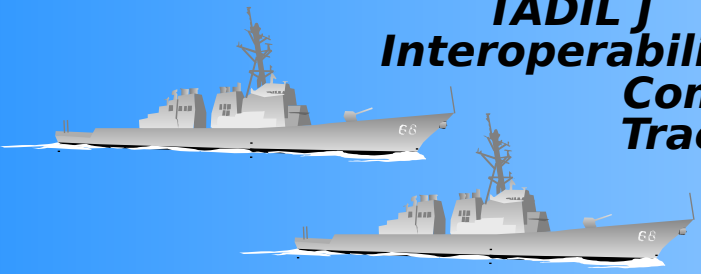
- Initial Joint IFC
- Elevated Sensors
- Extended 360° Capability

- Joint IFC / Sensors / Weapons
- Long Range 360° CMD
- 360° Ground-Based Radar
- Objective Mobility / Deployability

oint Connectivity Via Link 16

TADIL J Interoperability

Common Composite Tracking Algorithms



Joint Combat Identification

Joint Composite Tracking

SUPPORT TO THE WARFIGHTER

RAID / JLENS

- 22 Systems Deployed
- JROC Approved ORD

ACSCS

- Transition Plan Approved

JTAGS / M3P

- 1st Fielding of ADP Refresh (to PACOM)

Army Space Project Office (ASPO)

- Equipment Fielding to 2nd and 25th ID

SHORAD

- SLAMRAAM Successful Milestone B
- SLAMRAAM Contract Signed
- Product Office Directed Energy Applications

Cruise Missile Defe

- PDM Approved

P (PATRIOT / MEADS)

- Successful CAP DAB / Milestone B
- Congressional Approval of OIF Reprogramming Action

IFC

- PM Chartered
- PMO Stood Up

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CHALLENGES TO GOVERNMENT/INDUSTRY T

- Joint System of Systems
- Non-Proprietary Solutions
- Open Architecture

- Non-traditional Contractual Relationships
- Directed Energy Continuity
- Space Integration

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